

risen owing probably to the importations of timber and firewood from the forests of the adjacent Native States having fallen off through reckless management in the past.

181. The following statement shows the expenditure for the two years under each main head :—

Head of Service.	Actual amount of expenditure during 1891-92.			Actual amount of expenditure during 1892-93.			Increase.			Decrease.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
A I	21,153	14	8	7,962	5	5	.....			13,191	9	3
A II	13,767	10	11	12,040	1	0	..			1,727	9	11
A III	82	15	5	57	7	0	.....			25	8	5
A IV	.....			.....			.....			.....		
A V	13,635	1	6	16,963	4	6	3,323	3	0	.....		
A VI	371	5	2	1,303	12	6	932	7	4	.....		
A VII	5,463	10	4	4,136	4	1	.....			1,327	6	3
A VIII	44,756	1	2	70,783	2	4	26,027	1	2	.....		
A IX	1,115	10	1	762	8	2	.....			353	1	11
Total A	1,00,346	5	3	1,14,008	13	0	30,287	11	6	16,625	3	9
B I	1,18,767	1	6	1,30,544	2	9	.....			.....		
B II	18,203	15	9	18,889	14	1	.....			.....		
B III	5,877	5	9	5,343	9	1	.....			.....		
Total B	1,42,848	7	0	1,55,277	9	11	.....			.....		
Add A	1,00,346	5	3	1,14,008	13	0	.....			.....		
Grand Total	2,43,194	12	3	2,69,286	6	11	.....			.....		

Notwithstanding that during the year the expenditure under one main head alone, *viz.*, A. VIII.—Demarcation, Improvement and Extension of Forests, was Rs. 26,027 over that of the previous year, the total of the Circle shows an increase of Rs. 13,663 only. This result could only be obtained by utilizing available savings, and cutting down expenses on other heads, as the urgency of completing the purchase of all the land proposed to be acquired on the catchment area of the Tánsa Lake before the 31st March 1893 could not be neglected. The demands of the special officer being so much in excess of the sum allotted for the purpose, no other way was possible for meeting his requirements. Fortunately there was no necessity of undertaking departmental fellings and other operations to the same extent as last year in the two Thána and Panch Maháls Divisions. In the Dángs also the difficulty of procuring labour being greater than usual owing to cholera having broken out, the contemplated departmental operations could not be carried out in their entirety by the close of the year. The savings thus available under A. I. and the retrenchments made under other main heads went, therefore, towards meeting the high expenditure of Rs. 70,783 under A. VIII. incurred during the year.

182. The charges under B.—Establishments show an increase of Rs. 12,429 over last year, which was to be expected seeing that no part of the Direction charges were debited to the previous year.

## CHAPTER V.

### FOREST ADMINISTRATION.

#### ADMINISTRATIVE CHARGE.

183. An important feature in the forest administration of the Presidency was the division of the old Northern Circle into two under the authority of Government Resolution No. 8315, dated 22nd October 1892.

184. The changes effected in pursuance of this separation have been fully described in the introductory chapter, and, therefore, it is not necessary to refer to them here.

185. The Honourable Mr. A. T. Shuttleworth, Conservator of Forests, 1st Grade, was in administrative charge of the four divisions comprised in this Circle up to the 5th of November 1892, when I relieved him of it.

186. I hope I won't be considered presumptuous if I take this opportunity of recording that all officers in this Circle, superior and subordinate, have keenly felt the severance from Mr. Shuttleworth, under whom they had the good fortune to serve for a good many years, and whom they regard officially as well as socially with affection and respect.

### CONTROLLING CHARGES.

187. No changes were made in the controlling charges beyond those referred to in paragraph 21. The old designations North and South Thána were certainly misnomers, as the two divisions overlapped one another, and the alteration of names to east and west and redistribution of executive charges effected during the year were very desirable.

188. The controlling charges were held by the following officers for the periods shown against their names:—

No.	Division.	Name of Officer.	Rank.	Designation.	PERIOD OF HOLDING CHARGE.	
					From	To
1	East Thána	Mr. L. S. Osmaston ...	Assistant Conservator of Forests, 1st Grade.	Divisional Forest Officer.	1st April 1892 ...	21st July 1892.
		" G. P. Millett ...	Deputy Conservator, 4th Grade ...	Do. ...	22nd July 1892 ...	10th January 1893.
		" C. Greathed ...	Do, 3rd Grade ...	Do. ...	11th January 1893 ...	30th June 1893.
2	West Thána.	" G. P. Millett ...	Do, 4th Grade ...	Do. ...	1st April 1892 ...	Do.
		" R. H. Madan ...	Extra Assistant Conservator, 2nd Grade.	Do. ...	Do. ...	15th August 1892.
3	Surat...	" W. A. Wallinger...	Do. do. ...	Do. ...	10th August 1892.	12th April 1893.
		" F. R. Dassai ...	Deputy Conservator, 1st Grade ...	Do. ...	13th April 1893 ...	31st May 1893.
		" W. A. Wallinger...	Extra Assistant Conservator, 2nd Grade.	Do. ...	1st June 1893 ...	30th June 1893.
4	Panch Maháls.	" H. W. Keys ...	Deputy Conservator, 4th Grade ...	Do. ...	1st April 1892 ...	12th May 1892.
		" W. F. D. Fisher...	Assistant Conservator, 2nd Grade.	Do. ...	13th May 1892 ...	30th June 1893.
5	Working Plans.	" T. B. Fry ...	Deputy do. do. "	Do. ...	1st April 1892 ...	Do.

189. Prior to and since the formation of this Circle leave of absence was granted to the following officers:—

No.	Division.	Name of Officer.	Designation.	Kind of Leave.	Period of Leave.	Government Resolution sanctioning the leave.
1	Panch Maháls.	Mr. H. W. Keys ...	Divisional Forest Officer.	Furlough ...	18 months.	.....
2	East Thána ...	" L. S. Osmaston ...	Do. ...	Leave on medical certificate.	6 months ...	Government Resolution No. 3216, dated 9th August 1892.
3	Surat ...	" R. H. Madan ...	Do. ...	Privilege leave ...	2 months ...	Government Resolution No. 3222, dated 10th August 1892.
4	Do. ...	" W. A. Wallinger...	Do. ...	Do ...	1 month and 25 days.	Government Resolution No. 3194, dated 3rd May 1893, and Government Resolution No. 3388, dated 29th May 1893

### SUB-DIVISION CHARGES.

190. The sub-division charges under Extra Assistant Conservator of Forests were remodelled and their designations also changed following the redistribution of executive charges in the Thána District, as shown below:—

No.	Division.	Name of Sub-Division.	Names of Ranges comprising the Sub-Division.
1	East Thána	Sháhápur ...	Sháhápur, Khardi, Murbád, Mokháda.
		Kalyán ...	Kalyán, Bhiwandi and Váda.
2	West Thána	Dáhánú ...	Dáhánú, Umbargaon
		Bassein ...	Bassein, Máhim, Sálsette.

191. The Dáhanu Sub-Division is in abeyance owing to the transfer of Mr. Robinson, Extra Assistant Conservator of Forests, together with his office establishment to the Southern Circle. It is to be regretted that, owing to the paucity of officers available, the full strength of four sub-division officers was not maintained for a portion of the year in the Thána District, in which extensive felling operations are carried on all throughout the dry season. The following officers held charge of the several sub-divisions during the year :—

No.	Division.	Name of Officer.	Rank.	Designation.	PERIOD OF HOLDING CHARGE.	
					From	To
1	East Thána.	Mr. A. N. Master ...	Extra Assistant Conservator, 4th Grade.	Sháhápúr Sub-Division Officer.	1st April 1893 ...	30th June 1893
		" W. F. D. Fisher ...	Assistant Conservator, 2nd Grade ...	Kalyán do. ...	Do. ...	10th May 1892.
		" L. S. Osmaston ...	Do. 1st Grade ...	Do. do. ...	11th May 1892 ...	2nd June 1892.
		" K. B. Phadke ...	Extra Assistant Conservator, 4th Grade.	Do. do. ...	3rd June 1892 ...	30th June 1893.
2	West Thána.	" A. C. Robinson ...	Do. ...	Dáhanu do. ...	1st April 1892 ...	14th January 1893
		" V. D. P. Rabeiro ...	Do. ...	Bassein do. ...	Do. ...	30th June 1893.
	Surat.	" K. B. Phadke ...	Do. ...	Surat do. ...	Do. ...	19th May 1892.
		" R. H. Madan ...	Do. 2nd Grade ...	Do. do. ...	20th May 1892 ...	27th May 1892.
		" C. G., Dalia ...	Do. 4th Grade ...	Do. do. ...	28th May 1892 ...	30th June 1893.

### EXTERNAL RELATIONS OF THE FOREST DEPARTMENT.

192. I have much pleasure in acknowledging the cordial assistance and support which I have invariably received from the Collectors. If it had not been for their hearty co-operation, my task in conducting the administration of this Circle would have been beset with greater difficulties than it actually was, especially as I was new to the Konkan and Gujarát, and I had consequently much to learn when I took over charge.

193. The relations between the local Revenue and Forest officers were maintained on a harmonious footing throughout the year, and the Divisional Forest Officers one and all have displayed good sense and tact in their dealings with their respective Collectors.

### ESTABLISHMENTS AND THEIR RECRUITMENT.

194. The Divisional Forest Officer, Surat, has experienced considerable difficulty in recruiting the lower protective staff chiefly for the forests of the Dángs and Mándvi ranges. These localities being notoriously unhealthy, the better class of men—Maráthás from the Deccan and the Konkan—have a perfect aversion to serve there. In order that they may be induced to do so it has been proposed to Government to sanction the grant of a special local allowance, and it is hoped by these means it will be possible to supplant the local men, who have been found inefficient, lazy and untrustworthy.

195. All the Collectors support the Divisional Forest Officers in recording that the present subordinate establishments generally are exceedingly inadequate. Looking at the magnitude of the tasks set them it is not surprising that the general conduct of the lower protective staff leaves much to be desired. But there is no doubt that with an establishment of the strength demanded by the work, and justified by the revenue derived from the forests, a considerable improvement in this direction might be expected.

### FOREST INSTRUCTION.

196. Mr. Gleadow, Professor of Forestry at the College of Science, Poona, conducted his students on a tour over some of the forests, plantations and depôts in the Sháhápúr Range during the month of December 1892. Mr. Millett, who at the time had not been relieved of the East Thána Division, accompanied the party for a few days and helped the Professor in explaining to the students the different operations which were in progress.

### GENERAL REMARKS.

197. An important and explicit ruling came out during the year on the vexed question of the disposal of trees in occupied lands in the Thána and